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(12) **United States Patent**  
**Stern**

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(54) **NASAL CALCITONIN FORMULATIONS**

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(58) Field of Search ..... **424/43, 45, 455; 514/2, 3, 12**

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(57) **ABSTRACT**

A liquid pharmaceutical composition is disclosed comprising calcitonin or an acid addition salt thereof and citric acid or salt thereof in a concentration from about to about 50 mM, said composition being in a form table for nasal administration.

**23 Claims, No Drawings**